# (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 21 July 2005 (21.07.2005)

PCT

### (10) International Publication Number WO 2005/065269 A2

(51) International Patent Classification: Not classified

(21) International Application Number:

PCT/US2004/043383

(22) International Filing Date:

23 December 2004 (23.12.2004)

(25) Filing Language:

English

(26) Publication Language:

**English** 

(30) Priority Data:

60/533,328	29 December 2003 (29.12.2003)	US
60/533,161	29 December 2003 (29.12.2003)	US
60/533,467	29 December 2003 (29.12.2003)	US

- (71) Applicant (for all designated States except US): AM BIOSOLUTIONS [US/US]; 1312 Orange Avenue, Menlo Park, California 94025 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): MISHRA, Allan [US/US]; 1312 Orange Avenue, Menlo Park, California 94025 (US).

- (74) Agent: BOZICEVIC, Karl; BOZICEVIC, FIELD & FRANCIS LLP, 1900 University Avenue, Suite 200, East Palo Alto, California 94303 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

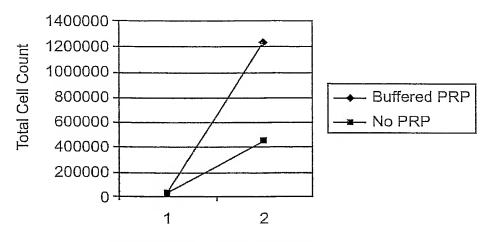
#### Published:

without international search report and to be republished upon receipt of that report

[Continued on next page]

(54) Title: COMPOSITIONS AND METHOD FOR DECREASING THE APPEARANCE OF SKIN WRINKLES

## Human Fibroblast Proliferation



Intitial and 7 Day Counts

(57) Abstract: Methods are described for using compositions comprising platelet-rich plasma and/or fibroblast cells alone or in combination for the treatment of skin. Particularly, administering platelet-rich plasma in a dermatologically acceptable carrier repeatedly to skin to obtain desired results including the reduced appearance of wrinkles.



### 

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.